

L4 ANSWER 1377 OF 3973 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2000:50082 CAPLUS  
 DOCUMENT NUMBER: 132:94775  
 TITLE: Polyaddition compounds bearing urea and uretdione groups for use in polyurethane coatings  
 INVENTOR(S): Wenning, Andreas  
 PATENT ASSIGNEE(S): Degussa-Huls Aktiengesellschaft, Germany  
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 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO. DATE	KIND	DATE	APPLICATION NO.
EP 972786 19990529	A1	20000119	EP 1999-110550
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
DE 19831307 19980713	A1	20000120	DE 1998-19831307
CA 2277440 19990709	AA	20000113	CA 1999-2277440
JP 2000044540 19990712	A2	20000215	JP 1999-197456
PRIORITY APPLN. INFO.: 19980713			DE 1998-19831307 A

AB The title compds., with specified structures and useful in matte polyurethane coatings, bear terminal hydroxyalkyl carbamate groups and are prepared with IPDI. Polymerizing an IPDI uretdione (NCO content 37.5%) 10, N1-(1,3-dimethylbutyl)isophoronediamine 9, and 1,4-butanediol 2 mol gave a product with m.p. 151-154° and NCO content 11.1%. Use of the products with polyester polyols in powder coatings is exemplified.

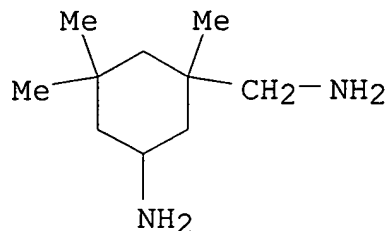
IT 2855-13-2DP, Isophoronediamine, polymers with IPDI uretdione derivs. and polyols 204203-51-0DP, polymers with IPDI uretdione derivs. and polyols 204203-53-2DP, polymers with IPDI uretdione derivs. and polyols 219928-05-9DP, polymers with IPDI uretdione derivs. and polyols

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
 (polyaddn. compds. bearing urea and uretdione groups for use in

polyurethane coatings)

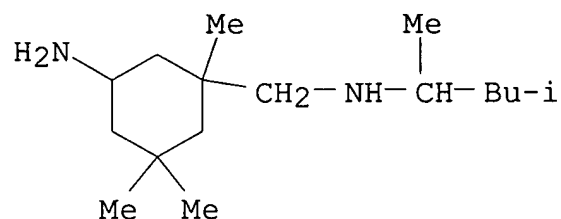
RN 2855-13-2 CAPLUS

CN Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (9CI) (CA INDEX NAME)



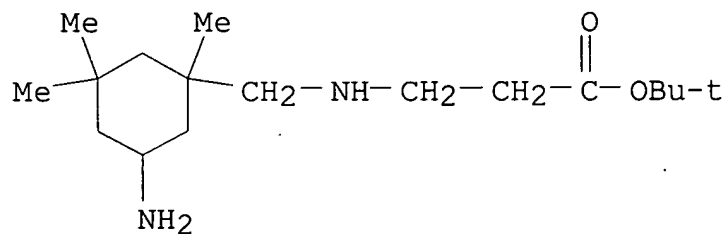
RN 204203-51-0 CAPLUS

CN Cyclohexanemethanamine,  
5-amino-N-(1,3-dimethylbutyl)-1,3,3-trimethyl-  
(9CI) (CA INDEX NAME)



RN 204203-53-2 CAPLUS

CN  $\beta$ -Alanine, N-[(5-amino-1,3,3-trimethylcyclohexyl)methyl]-,  
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 219928-05-9 CAPLUS

CN Cyclohexanemethanamine,  
N-(1,3-dimethylbutyl)-5-[(1,3-dimethylbutyl)amino]-  
1,3,3-trimethyl- (9CI) (CA INDEX NAME)

